

In the Specification:

Please amend Paragraph 20 as follows:

FIG. 2 discloses a flow chart [46] ~~44~~ representing software that sets forth the preferred iris-angle calculator 42 and ICL calculator [46] ~~44~~ for a patient's eye. This allows a physician to accurately fit an ICL for a patient and thereby achieve optimal results for the patient.

Please amend Paragraph 22 as follows:

[0022] Step 50 then causes computer 18 to analyze the image scene. This analysis includes several steps including the location of the direct slit image, the limbal illumination ring, the fixation target, and a pupil boundary. The location of these portions of each image are preferably done to the nearest pixel accuracy. This will allow a limbal diameter to be measured to accuracy within 0.1 mm. The next portion of Step [50] 42 includes precisely detecting, preferably to sub-pixel accuracy, the edges of the direct slit image by known techniques. The detected direct slit image is then triangulated into three-dimensional space (3-space) and the outer edges of the limbal-ring are then precisely detected. Here the edge is defined as a mid-threshold point near the maximum gradient in back scattered illumination. And finally Step 50 concludes with preferably precisely locating a centroid of the fixation target 24 that is projected onto the eye as described above.